

Divyaraj Bakrola

San Francisco, CA | dbakrola@mail.sfsu.edu | 415.939.8505

EDUCATION

San Francisco State University

BS IN COMPUTER SCIENCE

Expected Dec 2019 | San Francisco, CA

LINKS

[GitHub](#)
[LinkedIn](#)

TEACHING ASSISTANT

Introduction to Java
Introduction to Data Structure

COURSEWORK

UNDERGRADUATE

Algorithms
Data Structures
Machine Structure
IOS Development
Web Development
Web Penetration Testing
Database Management Systems
Software Development
Software Engineering
UI/UX Design

SKILLS

PROGRAMMING SKILLS

• Java • Python • C++ • JS • Swift

WEB TECHNOLOGIES

• NodeJS • AngularJS • ReactJS •
Vanilla JavaScript ES5/ES6 • HTML5
• CSS3 • Bootstrap • EJS

DATABASES

• MySQL • MongoDB • PostgreSQL

TESTING

• Selenium • Chai • Mocha

OPERATING SYSTEMS

• Linux • Windows • MacOS • Unix

TOOLS

• Git • Jira • AWS RDS/EC2 •
Jenkins • Heroku • Xcode

ACHIEVEMENTS

• **SF Hacks 2019 – First Place && Best use of Lyft API**

EXPERIENCE

Web Developer – (December 2017,2018)

- Redesigned the existing website and incorporated SEO techniques to increase daily traffic.
- Designed product focused on best web-based UI/UX practices.
- Implemented testing tools to monitor and debug issues related to performance.

Fitness Floor Staff & Event Assistant – (August 2017 – December 2019)

RECENT SOFTWARE PROJECTS

HomeMe | NodeJS, MySQL, AWS EC2/RDS, Bootstrap/EJS

- Worked as a Backend Lead, in a team of 6 students to develop a full stack real estate WWW application using teamwork, SWE processes, and tools like Git, Slack, GitHub-bot.
- Collaborated with the team backend team members to highlight the best server-side development practices, including performance optimization in NodeJS runtime.
- Responsible for writing RESTful APIs with MVC design for the application. Configured AWS EC2/MySQL DB instance on the cloud, including deployment of Express.js application.
- Practiced full SWE lifecycle including best practices of SWE teamwork, and SWE.

ViZit | SWIFT, NODEJS, APIS

- Designed and Developed an iOS application in MVC architecture that lets users get the best value coffee places, bars, weather, places, events, and food in a user specified city and state in the US.
- Used Yelp Fusion API, Eventbrite API, Google Places API, and Open Weather API, to write an algorithm to evaluate value eateries.
- Deployed web-service written in JS runtime Node, to make HTTP requests to fetch data from the iOS application.

MOVIES APP | HTML, CSS, JAVASCRIPT, BOOTSTRAP, NODE.JS, MONGODB

- Designed a Single page stack web application as a school project using MVC architecture to provide e-commerce platform for users to search for a movie, buy/sell, comment and review them.